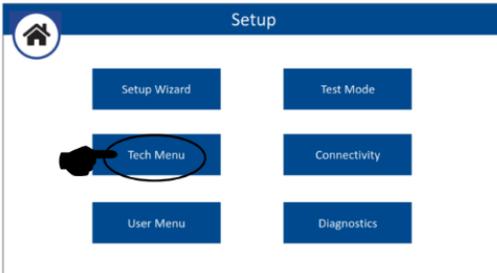
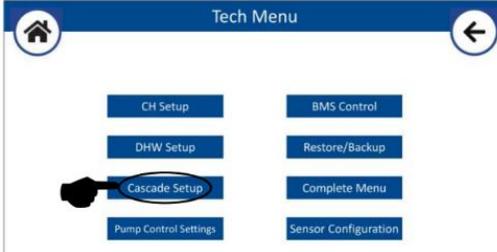
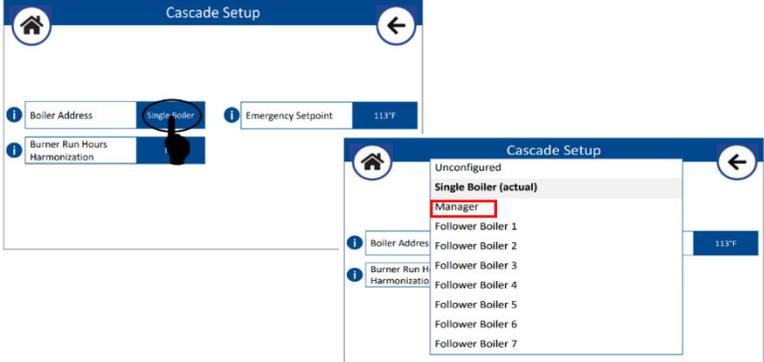


TFTN Cascade setup

<p>Step 1 Managing boiler:</p> <p>Turn off Power to all <u>follower</u> boilers. Press Setup on the managing boiler</p>	 <p>1 Select Setup from the home screen</p>
<p>Step 2 Managing boiler:</p> <p>Press Tech Menu Enter the password if prompted. Password: ntinet</p>	
<p>Step 3 Managing boiler:</p> <p>Press Cascade Setup</p>	
<p>Step 4 Managing boiler:</p> <p>Press Single Boiler and select “Manager” from the popup menu. Wait for the boiler to reboot (5 minutes) Once the boiler is fully booted Turn the boiler off.</p>	
<p>Step 5 Managing boiler:</p> <p>Connect the System sensor to the manager boiler on the AUX NTC 1 contact (see boiler installation manual) Use the installation manual set Auxiliary Sensor 1 to System sensor.</p>	

TFTN Cascade setup

Step 1 Follower boiler 1:

A) Remove the electrical panel cover and set the dip switches to OFF (Right hand position)

B) Disconnect the WIFI wire harness (grey/red ribbon cable) from the back of the screen, and the PCB. This cable is no longer needed.

NOTICE: if the dip switches are flipped while the boiler is powered the boiler will reboot. This is normal and will not damage the appliance.



Step 2 Follower boiler 1:

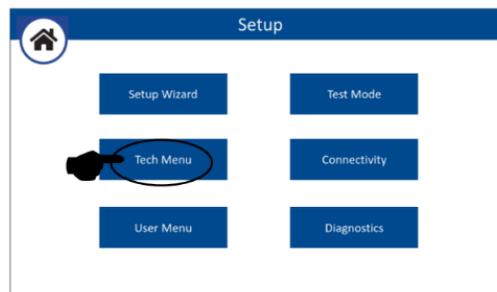
Turn the follower boiler on. Wait 3-4 minutes for it boot up.
Press **Setup**



Select **Setup** from the home screen

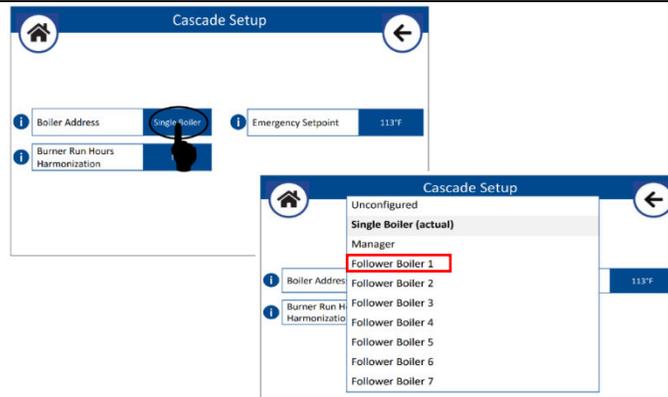
Step 3 Follower boiler 1:

Press **Tech Menu**
Enter the password if prompted. Password: ntnet



Step 4 Follower boiler 1:

Press **Single Boiler** and select "Follower Boiler 1" from the popup menu.
Wait for the boiler to reboot, about 5 minutes.



TFTN Cascade setup

Step 5 Follower boiler 1:

A) When this screen appears, turn power to the boiler off.



Up to 8 boilers may be cascaded. Follow the steps below for each additional boiler:

***NOTE Each boiler must have a unique address. Follower addresses include: Follower 1 (see above), Follower 2, Follower 3, Follower 4, Follower 5, Follower 6, and Follower 7.

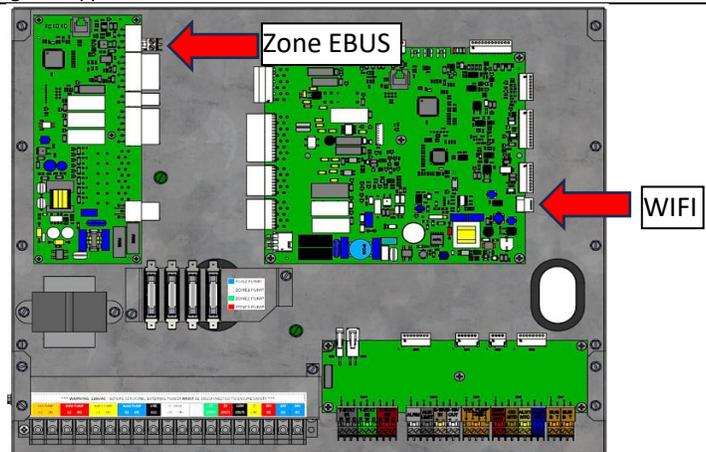
NOTICE: Moving the Dip switches or connecting or removing the Ebus connections while the boiler is powered will force a reboot. This is normal and will not damage the appliance

Step 1 Follower boilers 2-7:

A) Disconnect the WIFI wire harness (grey/red ribbon cable) from the back of the screen, and the PCB. This cable is no longer needed.

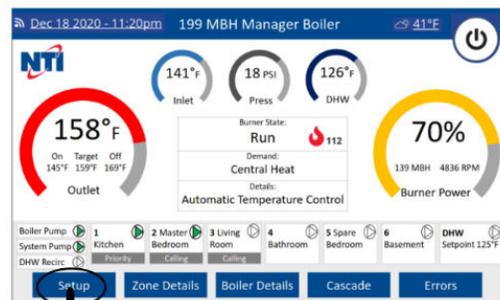
B) Disconnect the Zone Ebus connector from the Zone controller

NOTICE: If the Ebus is connected or disconnected while the boiler is powered, the boiler will reboot. This is normal and will not damage the appliance



Step 2 Follower boilers 3-7:

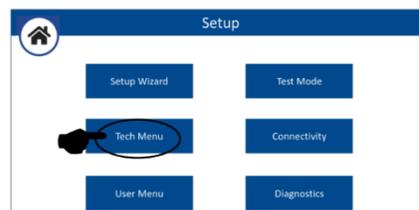
Turn the follower boiler on. Wait 3-4 minutes for it boot up.
Press **Setup**



1 Select **Setup** from the home screen

Step 3 Follower boiler 3,4,5,6,7:

Press **Tech Menu**
Enter the password if prompted. Password: ntnet

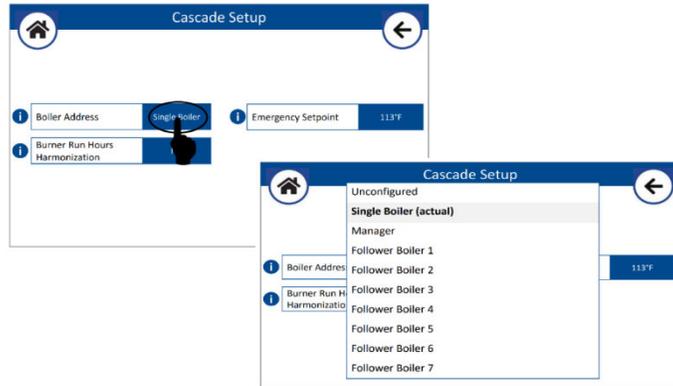


TFTN Cascade setup

Step 4 Follower boiler 2,3,4,5,6,7:

Press **Single Boiler** and select "Follower boiler 2 or 3 or...7" from the popup menu.

Wait for the boiler to reboot.



Step 5 Follower boiler 3,4,5,6,7:

A) When this screen appears, turn power to the boiler off.



All boilers:

Connect the Boiler Ebus wires to each boiler. The Ebus wiring is polarity sensitive. Use field supplied stranded or solid core wire between 14-24 Gauge. Twisted pairs are suggested for wire runs over 50' in length. Turn on all the boilers in cascade.

NOTICE: If the Ebus is connected while the boiler is powered, the boiler will reboot. This is normal and will not damage the appliance. Wait 3-5 minutes for the boiler(s) to reboot. The managing boiler may take up to 10 minutes.

